



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	F I
P0038657	ACI001-VC	4	1	Net 30	M304R0.375	304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft				24	12/19/2017	24		S025751	Stock	12/20/2017	\$ 1.19 / ft	0	
		5			M304R.500	304 SS roundbar .500 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft				48		48		S025752	Stock	12/20/2017	\$ 1.91 / ft	0	
		6			M6061T6R0.375	6061-T6 Round Bar .375" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				40		40		S025753	Stock	12/20/2017	\$ 0.38 / ft	0	
		7			M6061T6R0.500	6061-T6 Round Bar .500" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				60		60		S025754	Stock	12/20/2017	\$ 0.64 / ft	0	
		8			M6061T6R0.875	6061-T6 Round Bar .875" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				40		40		S025755	Stock	12/20/2017	\$ 1.95 / ft	0	
Total:										212		212							

Plex 12/20/2017 3:11 PM Dart Dubois,Pascal



# ACTIER OUELLETTE INC.

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## Order - Sales

Copy

CO00067354

### Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N° CL10001056

Date 2017/12/15

Delivery date 2017/12/18

Your order N° 38657

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND SS 3/8 304 RANDOM RSS-38-V 5768 2 X 12' R/L HEAT: CH-3840	9.02	24.00	PI_\$CLB	2.00			24 11			
2 ROUND SS 1/2 304 RANDOM RSS-12-V 5730 4 X 12' R/L HEAT: 430W	32.02	48.00	PI_\$CLB	4.00			48 11			
3 ROUND ALU 3/8 6061-T6 RANDOM RAL-38-V 5160 2 X 20' HEAT: 68219	5.28	40.00	PI_\$CLB	2.00			40 11			
4 ROUND ALU 1/2 6061-T6 RANDOM RAL-12-V 5127 3 X 20' HEAT: SYF162075	13.86	60.00	PI_\$CLB	3.00			60 11			

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.  
935, Boul. du H vre  
Salaberry de Valleyfield (Qu bec) J6S 5L1  
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

# Order - Sales

Copy CO00067354

## Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

## Shipped to

, Ontario,  
Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N  CL10001056

Date 2017/12/15

Delivery date 2017/12/18

Your order N  38657

Processed by Josianne Bourdon

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Carrier OUELLETTE VALLEYFIELD

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Page 2

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
				CMD	EXP	B/O	IN	I	S C
5 ROUND ALU 7/8 6061-T6 RANDOM RAL-78-V 5175 2 X 20' HEAT: 37489 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	28.24	40.00	PI_\$CLB	2.00			400		
			\$	0.00					

Total Weight (LBS) : 11 88.42 NIR : R-109516-6

Conditions :  
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature			
				Y	M	D	
				Total (\$CAD)			
				Deposit			
				Balance			
				288.48			
				0.00			
				288.48			

#5763

RSS-38-12

48194

PO 6840



# **CHANDAN STEEL LIMITED** (GOVT. OF INDIA RECOGNISED EXPORT HOUSE) ISO 9001 : 2008 CERTIFICATE No. 01 300 01001

ADM. OFFICE: 80, SEETHA NAGAR, M &amp; P STREET, MADRAS 600 006, INDIA

Tel: 91-22-64298000, Fax: 91-22-64298001/04

Website : www.chandansteel.com

Email : info@chandansteel.com

L/c No.:

L/c Date:

WORKS: Plot No. 35, G. I. D. C., Undergound

Dist. Valand, Gujarat - 380 171.

Tel: 91-260-268 9999 Fax: 91-260 268 9972

E-mail : export@chandansteel.com

FORM QC 09A / 02 / 10.12.2012

## **MILL TEST / INSPECTION CERTIFICATE 3.1** ACCORDING TO EN 10204 : 2005

<b>PRODUCT DESCRIPTION</b> <b>STAINLESS STEEL ROUND BARS</b>						Test Certificate No. : EXP/00337 - 13/2016-2017 Date of Issue : 08.07.2016 P. O. No. : P004712 SC. No. & Date : 15-16/00924, Dt. 13.04.2016 Invoice No. & Date : EXP/00337/2016-17 Dt.08.07.2016					
						<b>LENGTH</b>				<b>Net Wt.</b>	
						Ordered 12' - 126"	Actual 12' - 126"	6458 LBS.			
<b>Heat No.</b> CH-3840	<b>Grade</b> AISI/DIN 304/304L 1.4301/1.4307 UNS30400/30403	<b>Size</b> mm/inches 3/8"	<b>Tolerance</b> ±0.005	<b>Process Route</b> Electric Melting, A.O.D. Refining, Continuous Casting.							
<b>CHEMICAL COMPOSITION (Weight %)</b>											
	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N
Min.	-	-	-	-	-	18.00	-	8.00	-	-	-
Max.	0.080	1.00	2.00	0.045	0.030	20.00	1.00	10.50	1.00	-	0.1000
Results	0.019	0.62	1.71	0.040	0.020	18.21	0.32	8.05	0.41	0.10	0.0690
<b>MECHANICAL PROPERTIES</b>											
<b>Specified Values</b>	<b>Test Method :- EN ISO 6892-1</b>					<b>Hardness</b> EN ISO 6506-1 (BHN)	<b>Test Method :- Charpy 'V' Notch Impact</b> Tested (J/mm) as per EN ISO 148 - 1 Sample Size - Test Temp. :- 20 °C (Iones)				
	<b>Proof Strength</b> N/mm² / MPa		<b>Tensile Strength</b> N/mm² / MPa (Rm)	<b>Elongation after</b> Fracture A %	<b>Reduction</b> of Area %						
	0.2% (Rp0.2)	1% (Rp1.0)									
<b>Results</b>	514	560	712	47	65	215-218	I N.A.	II N.A.	III N.A.	Ave. N.A.	
<b>Remarks:</b>											
1. Cold drawn & Centrelless Ground. 2. Solution annealed at 1050 °C. 3. PMI test done 100% & found Satisfactory. 4. Material is free from radio-active contamination. 5. Material is free from mercury contamination. 6. Inter-Granular Corrosion Test as per ASTM A262 - 15 (Pr.B) satisfactory. 7. No welding or weld repairs were performed on this material while in our possession. 8. Micro structure reveals- equiaxed grains of Austenite & free from carbide Precipitation. 9. Grain size - No. 7-8 of ASTM as per E112-96. 10. The material Conforms to ASTM A276-15, ASTM A182/A182M-15, ASME SA 182/SA 182M-15, ASTM A79/A79M-15, ASME SA79/SA-679M-15, ASTM A193/A193M-12b B8 - CL1, ASME SA193/SA193M-13 B8 - CL1, ASTM A320/A320M-11 B8 CL1, ASME SA320/SA 320M-10 B8 CL1, AMS-QQ-S-763B COND A, AMS - 5639H, AMS - 5647H, EN 10088-3 : 2014 & DIN EN 10272-2008 Specification. 11. Location of sample - Centre, Direction - Longitudinal, Test Temp - Room Temp, Shape of Test Piece - Round. 12. Marking details - Company Logo, Size, Grade & Heat No. 13. The material is manufactured /melt in Chandan Steel Mill and is of Indian Origin.											
<b>BUNDLE NO.:</b> 47 to 51						<b>COLOUR :</b> RED					

It is hereby certified that the above results are true and correct in every detail and are meeting the requirements of specification & purchase order.

**B. S. RAUTELA**  
MANAGER - QUALITY ASSURANCE



# 5725

48626

PO-8780



North American Stainless Canada Inc.  
740 Imperial Road North  
Cochran, ON N1K1Z3  
(Canada)

# METALLURGICAL TEST REPORT

203375

6870 Highway 42 East  
Chemt. KY 41045-9615  
(502) 347-6000

Certificate: 326654 5

Customer: 007060 500

Date: 8/24/2017 Page: 1

Steel: 304/304L

Finish: CD

Corrosion: ASTM A262/15 Prac A/E OK

Your Order: C110194

NAS Order: PN 0082353 03

## PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
UNS 30400/30403 EN 10204 3.1, ASTM A484/16  
ASTM A276/17, ASTM A479/17, ASTM A182/16a CHEM ONLY,  
ASME SA479/17, ASME SA182/16a CHEM ONLY,  
AMS 5639J, AMS 5647J, AMS 005-763D, QCS-763F, ASTM F899/12b  
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8  
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

## REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE  
2011/65/EU, ROHS, EAF+ADD+CC. NO WELD REPAIR. MELTED AND MET  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid # Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
B18786 3			1.239	144.00	11	1	

CHEMICAL ANALYSIS										Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323	
CM(Country of Mch)					ES(Spain) US(United States) ZA(South Africa) JP(Japan)					Chemical Analysis per ASTM A751/16a	
Heat	CM	C %	CO %	CR %	CU %	NN %	MO %	N %	NI %	P %	
430W	US	.020	.16	18.18	.36	1.35	.32	.078	8.56	.030	

## MECHANICAL PROPERTIES

Product Id	1 d o f	MB No.	.2YS KSI	UTS KSI	RA %	Ring % 2"
B18786 3	R L	220.0	95.00	108.00	52.00	41.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr

## Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : **LES ACIERS TRANSBEC (1997) LTEE.**

Adresse / Address : **4054 BOUL. LE CORBUSIER # 201  
LAVAL, QC  
H7L5R2**

# commande Sapa / Sapa order # : **6120924**

# bon de commande / Purchase order # : **OU - 47030**

# de matrice / Die # : **MS 9903**

Description : **3/8" ROD**

Alliage & trempage / Alloy & temper : **6061 T6**

Longueur / Length : **6097 mm**

# de contrôle / Control # : **82386-1**

# de coulée / Cast # : **68219**

Dureté Rockwell E /  
Rockwell E hardness : **89 HRE**

Min. requis /  
Min. required : **88 HRE**

Max. permis /  
Max. permitted : **100 HRE**

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme **ASTM B-221-14** excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,  
Yours truly,

date : **2017-01-27**



Gilles Pelletier  
Technicien de la qualité  
Quality technician

VAL 30



GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: My Xuan B1-Conte Industrial zone, My Xuan town, Tan Thanh district,  
Bu Rin-Vung Tau province, Viet Nam  
Tel: +84(0)643924954  
Fax: +84(0)643924953

## MILL TEST CERTIFICATE

Date: January 19, 2017

Consignee: SINOMETAL RESOURCES INC.  
4455 RUE CONSENS SAINT-LAURENT, QUEBEC, H4S 1X5, CANADA  
PO number: 16-P-421  
Customer PO: Inventory  
Shipping Ref No.: 17-0046  
LC No.: DC HMN710232  
Date of Issue: January 18, 2017  
Item Code: 1042803  
Dis Number: D00324  
Alloy & Temper: 6061-T6  
Production Description: Round Bar 0.5"x 20' 6061-T6 D00324  
Length (inch): 240  
Bundle number: 16-P-421-067, 16-P-421-066, 16-P-421-065, 16-P-421-058  
Rent Number: SXF162075  
Date: 02/01/2017  
Applicable Specifications: ASTM B221 STANDARDS

### CHEMICAL ANALYSIS: %

Si	Mg	Fe	Cu	Mn	Cr	Zn	Ti	Al	Other		Remarks
									EACH	TOTAL	
0.045	0.930	0.227	0.246	0.022	0.088	0.013	0.018	98.719	<0.05	<0.10	02/01/2017

### MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % 1.2"	Remarks
38.6	35.6	10.4	02/01/2017

All profiles, each profile with each MTC, showing material shipped match aluminium alloy as per standard, with chemical analysis and mechanical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

Quality Manager



5174

KAL-78-20

**BON DE LIVRAISON**

TRA 16/8

48534

**VENDU A**  
ACIERS TRANSBEC (1997) LTEE  
4054, BOUL LE CORBUSIER  
#201  
LAVAL, QC  
H7L 5R2  
NO CLIENT: 3693

**LIVRE A**  
ACIER OUELLETTE  
22, BOUL J-F KENNEDY  
ST-JEROME, QC J7Y 4B6  
NO CLIENT: L-3693-3

NO DU BON		DATE DE LIVRAISON	
122753		16/Aug/17	
MR:		NO DE TELEPHONE DU CLIENT:	
R-015478-2		450-963-3693	
NO COMMANDE CLIENT:		REPRESENTANT:	
OU-47846		Guillaume Morin	
CHAUFFEUR:		NO COMMANDE EXTRUDEX:	
NOTRE CAMION		106012	

ITEM	NO DE FILLE	NO PROE CLIENT	DESIGNATION ALUMINE / PREVIS	LONGUEUR	FINITION	COMMANDE CLIENT	NO DE LIVRAISON	NO DE LIVRAISON
2	SA00580		TIGE RONDE 7/8" 6061/T8	6096mm	NATUREL	78	500	0
								106012-2-1A1
								409696
								89
								596
								100.0%
								89
								566

**Mill Test (Tensile Properties of Aluminum)**

**3 MILL TEST + CERT CONFORMITE**

Test Date.: 10/Aug/17

Order No.	Alloy	Temper	Yield (ksi)	Ultimate Tensile (ksi)	Total Elongation (%)	Hardness (Rockwell E)	Conductivity %	Report No.
106012-2-1A1	6061	T8	43.1	47.7	15.70	95.60		7610

**Certificate of compliance (Certificat de conformité)** Normes: (ANSI H35.1-1997) & (ASTM B221)

Order No. Hardness (Webster) #1 Cast No. CAST CHEMICAL COMPOSITION:

106012-2-1A1	15	15	37489
Al	98.02	Si	0.55
Fe	0.22	Cu	0.21
Mn	0.06	Mg	0.84
Cr	0.06	Ni	0.00
Zn	0.02	Ti	0.02
Ga	0.01	V	0.00
B	0.00	Zr	0.00
Bi	0.00	Pb	0.00
Sn	0.00	Sr	0.00
Co	0.00		

SIGNATURE  
EXTRUDEX:

SIGNATURE  
CLIENT:

89x2.40"

DATE:

VERIFICATION DE MATERIEL  
DATE 16-08-17  
VERIFIE PAR KALIOY





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO038657**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO038657

**PO Date:** 12/15/17

**Due Date:** 12/19/17

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
DEC 15 2017

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quote # sou0076907

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303B1.000X03.000		303 Bar 1" X 3' : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	1/9/18	12 ft	0 ft	12 ft	\$72.25/ft	\$867.00
2	M303R0.313		303 Round Bar .313 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	12/19/17	24 ft	0 ft	24 ft	\$0.951666/ft	\$22.84
3	M303R0.500		303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	12/19/17	72 ft	0 ft	72 ft	\$1.973888/ft	\$142.12
4	M304R0.375		304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	12/19/17	24 ft	0 ft 24"	24 ft	\$1.188/ft	\$28.51
5	M304R.500		304 SS roundbar .500 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	12/19/17	48 ft	0 ft 48"	48 ft	\$1.9072222/ft	\$91.55

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	M6061T6R0.375		6061-T6 Round Bar .375" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	12/19/17	40 ft	0 ft 40"	40 ft	\$0.3775/ft	\$15.10
7	M6061T6R0.500		6061-T6 Round Bar .500" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	12/19/17	60 ft	0 ft 60"	60 ft	\$0.6375/ft	\$38.25
8	M6061T6R0.875		6061-T6 Round Bar .875" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	12/19/17	40 ft	0 ft 40"	40 ft	\$1.94825/ft	\$77.93
Grand Total:									\$1,283.30	

## Order Notes

## Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 12/15/17 11:38 AM dart.lavoie.chantal

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606146R0.875  
 DATE: DEC 20 2017

PO / BATCH NO.: 038657/502553

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 40'  
 QUANTITY INSPECTED: 40'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.875  
 THICKNESS RECEIVED: 0.875  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>Heat # 37489</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 20 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**SPECIFICATION CONTROL DRAWING**

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/415/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R/D DDD  
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

**RELEASED**  
2009-09-09  
MSP

B	REFORMAT DWG. ADD B211& B221 SPEC (2N DB-1), REF PART 06-020A	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR			
APPROVED			
DE APPR			
DATE	09.07.13		
DART AEROSPACE LTD HAMKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M6061T6R		SHEET 1 OF 1	
TITLE 6061-T6 ROUND BAR		SCALE NTS	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.500  
 DATE: DEC 20 2017

PO BATCH NO. 038657/502575

MATERIAL CERT REQ'D: yes  
 QUANTITY RECEIVED: 60"  
 QUANTITY INSPECTED: 60"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500  
 THICKNESS RECEIVED: 0.500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	N	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	<u>Heat # SxP162025</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

## QC 18 INSPECTION

INSPECTED BY: ml  
 DATE: DEC 20 2017

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR  
SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
PART NUMBER: M6061T6R[D.DDD]  
DIA.  
WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED  
2009-08-09  
MAD

B	REFORMAT, ORIG. ADD B211 & B221 SPEC (ZN D8-1), REF PAR 08-020A	CP	08.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAMKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M6061T6R		SHEET 1 OF 1	
TITLE 6061-T6 ROUND BAR		SCALE NTS	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.375  
 DATE: DEC 20 2017

PO / BATCH NO.: 038652/5025753

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 40'  
 QUANTITY INSPECTED: 40'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375  
 THICKNESS RECEIVED: 0.375  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	Heat # 68219
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	Asm B221
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>med</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 20 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R(D,DDD)  
DIA.

WHERE "D DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED  
R 2009-09-09  
NAP

B	REFORMAT DWG, ADD B211 & B221 SPEC (ZN D8-1), REF PAR 08-070A	CP	09 07 13
A	NEW ISSUE	DS	01 06 08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAYKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M6061T6R		SHEET 1 OF 1	
TITLE 6061-T6 ROUND BAR		SCALE NTS	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R.500  
 DATE: DEC 20 2017

PO / BATCH NO.: 038657/5025732

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 48"  
 QUANTITY INSPECTED: 48"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500  
 THICKNESS RECEIVED: .500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 430w
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	Astm A276
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>pu</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 20 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**SPECIFICATION CONTROL DRAWING**

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR  
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION:  
PART NUMBER:

ASTM A276  
M304R D.DDD  
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 0.75" ROUND BAR = M304R0.750

RELEASED  
08/23/15

REV.	DESCRIPTION	DATE
A	NEW ISSUE	09.07.15
DESIGN	4.5	
DRAWN	4.5	
CHECKED	4.5	
MFG. APPR.	M304R	
APPROVED		
DE APPR.		
DATE	09.07.15	
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWING NO. M304R		
TITLE 304/316 ROUND BAR		
REV. B		
SHEET 1 OF 1		
SCALE NTS		
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## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R0.375  
 DATE: DEC 20 2017

PO / BATCH NO.: 038657/5025751

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24'  
 QUANTITY INSPECTED: 24'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375  
 THICKNESS RECEIVED: 0.375  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	Heat # CH-3840
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	A67m A276
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>pu</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 20 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR  
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION:

ASTM A276

PART NUMBER:

M304R(D.DDD)  
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M304R0.750

RELEASED  
07/23/14

B	REFORMAT DWG. ADD SPECS (ZN D6-1), REF PAR 08-020A	CP	08.07.15
A	NEW ISSUE	AJS	08.03.03
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	GA		
CHECKED	MS		
MFG. APPR.	MS		
APPROVED	MS		
DE APPR.	MS		
DATE	09.07.15		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. REV. B			
M304R SHEET 1 OF 1			
TITLE SCALE			
304/316 ROUND BAR NTS			
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